

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S21	35	(error\$1 with buffer\$1) and (warning\$1 with buffer\$1) and (message\$1 with buffer\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/19 15:44
S22	15	(multi\$1buffer\$1 or (multiple adj buffer\$1)) with error\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/19 16:09
S23	848	(multi\$1buffer\$1 or (multiple adj buffer\$1)) and (trac\$3 or test\$3 with program\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/19 16:12
S24	40	(multi\$1buffer\$1 or (multiple adj buffer\$1)) and ((trac\$3 or track\$3) with error\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/19 16:17
S25	2	"6393532".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/20 10:45
S26	1	S25 and error\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/20 10:47
S27	0	S25 and (type\$1 with error\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/20 10:47
S28	1	S25 and (type\$1 with message\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/20 10:47
S29	1889	plurality with buffer\$1 with type\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/20 11:02

S30	569	plurality with buffer\$1 with error\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/20 11:03
S31	21	plurality with buffer\$1 with error\$1 with message\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/20 11:16
S32	1	plurality with buffer\$1 with error\$1 with message\$1 with warning\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/20 11:03
S33	1	(plurality adj2 buffer\$1) same error\$1 same message\$1 same warning\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/20 11:16
S34	20	(plurality adj2 buffer\$1) same error\$1 same message\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/20 11:20
S35	15	S34 not S31	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/20 11:17
S36	1	(plurality adj2 buffer\$1) same error\$1 same warning\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/20 11:20
S37	194	(plurality adj2 buffer\$1) same error\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/20 11:21
S38	189	S37 not S31	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/20 11:21
S39	174	S38 not S34	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/20 11:21

S40	174	S39 not S35	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/20 11:34
S41	156	(separate adj3 buffer\$1) with type\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/20 11:35
S42	5	(separate adj3 buffer\$1) with type\$1 with error\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/20 11:51
S43	53	(separate adj3 buffer\$1) with error\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/20 11:53
S44	3	(separate adj3 buffer\$1) with error\$1 with message\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/20 11:52
S45	2	(separate adj3 buffer\$1) with error\$1 with message\$1 with warning\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/20 11:52
S46	48	S43 not S42	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/20 11:53
S47	30	(trac\$3 with program\$1) and (warning\$1 with buffer\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/21 13:20
S48	19	(trac\$3 with program\$1) and (warning\$1 with buffer\$1) and (message\$1 with buffer\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/21 13:20
S49	30	(trac\$3 with program\$1) and (warning\$1 with buffer\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/21 13:21

S50	25	log\$4 with warning\$1 with buffer\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/21 13:55
S51	31	(trac\$4 with program\$1) and (warning\$1 with buffer\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/21 14:01
S52	153	stor\$3 with (warning\$1 with buffer\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/21 14:02
S53	9	S52 and "714"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/21 14:03
S54	0	S52 and "717"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/21 14:29
S55	159	(merg\$3 adj5 buffers)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/21 14:30
S56	1	(merg\$3 adj5 buffers adj5 list)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/21 14:30
S57	1	(merg\$3 adj5 buffers adj5 list\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/21 14:30
S58	11	(merg\$3 adj5 buffers adj5 one)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/21 14:34
S59	0	S55 and "717"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/21 14:34

S60	6	S55 and "714"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/21 14:46
S61	616	(warning\$1 with buffer\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/21 14:53
S62	25	S61 and "714"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/21 14:47
S63	14077	(message\$1 with buffer\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/21 14:53
S64	476	S63 and (trac\$3 with program\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/21 14:54
S65	80	S64 and "714"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/21 15:04
S66	6	(log\$4 adj5 error\$1 adj5 message\$1 adj5 buffer\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/21 15:18
S67	256	(log\$4 adj5 message\$1 adj5 buffer\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/21 15:18
S68	0	S67 and "717"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/21 15:18
S69	29	S67 and "714"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/21 15:18


[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)

 Search: ☒ The ACM Digital Library ☐ The Guide

+(tracing +program) +and +(logging +warnings +in +a +buff



THE ACM DIGITAL LIBRARY


[Feedback](#) [Report a problem](#) [Satisfaction survey](#)

 Terms used **tracing program** and **logging warnings** in a **buffer**

Found 13 of 164,603

Sort results by

relevance


[Save results to a Binder](#)

 Try an [Advanced Search](#)

 Try this search in [The ACM Guide](#)

Display results

expanded form


[Search Tips](#)

[Open results in a new window](#)

Results 1 - 13 of 13

 Relevance scale ☐ ☐ ☐ ☐ ☐

### 1 [VYRD: verifiYing concurrent programs by runtime refinement-violation detection](#)



Tayfun Elmas, Serdar Tasiran, Shaz Qadeer

 June 2005 **ACM SIGPLAN Notices , Proceedings of the 2005 ACM SIGPLAN conference on Programming language design and implementation PLDI '05**, Volume 40 Issue 6

Publisher: ACM Press , ACM Press

 Full text available: [pdf\(683.57 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

We present a runtime technique for checking that a concurrently-accessed data structure implementation, such as a file system or the storage management module of a database, conforms to an executable specification that contains an atomic method per data structure operation. The specification can be provided separately or a non-concurrent, "atomized" interpretation of the implementation can serve as the specification. The technique consists of two phases. In the first phase, the implementation is ...

**Keywords:** concurrent data structures, refinement, runtime verification

### 2 [Assembly instruction level reverse execution for debugging](#)



Tankut Akgul, Vincent J. Mooney III

 April 2004 **ACM Transactions on Software Engineering and Methodology (TOSEM)**, Volume 13 Issue 2

Publisher: ACM Press

 Full text available: [pdf\(1.18 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Assembly instruction level reverse execution provides a programmer with the ability to return a program to a previous state in its execution history via execution of a "reverse program." The ability to execute a program in reverse is advantageous for shortening software development time. Conventional techniques for recovering a state rely on saving the state into a record before the state is destroyed. However, state-saving causes significant memory and time overheads during forward execution.Th ...

**Keywords:** Debugging, reverse code generation, reverse execution

### 3 [RAID: high-performance, reliable secondary storage](#)



Peter M. Chen, Edward K. Lee, Garth A. Gibson, Randy H. Katz, David A. Patterson

 June 1994 **ACM Computing Surveys (CSUR)**, Volume 26 Issue 2

Publisher: ACM Press